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JUL 21 2004

OFFICIAL

Application No.: 10/644,115 Confirmation No. 6515
For: SHARED-CURRENT ELECTRONIC SYSTEMS
Applicants: Barry A. Lautzenhiser et al.
Filed: August 20, 2003
TC/A.U.: 2817
Examiner: Henry Choe
Docket No.: 203-12CIP

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

RESPONSE TO REQUIREMENT FOR RESTRICTION UNDER 35 U.S.C. 121
AND AMENDMENT

Sir:

In an Official Office Action of July 2, 2004, Examiner has required, under 35 U.S.C. 121, that Applicants elect a single species for prosecution, and Examiner has given Applicants one month, from July 2, 2004 to August 2, 2004, to respond.

5 In his requirement for restriction, Examiner alleges that there are ten species:

Species I - Figure 1	Species VI - Figure 7
Species II - Figures 2 and 3	Species VII - Figure 8
Species III - Figure 4	Species VIII - Figure 10
10 Species IV - Figure 5	Species IX - Figures 16-18
Species V - Figure 6	Species X - Figures 19-21

Applicant herein elect Species X - figures 19-21 without traverse.

CERTIFICATE OF TRANSMISSION under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to MS Amendment, United States Patent and Trademark Office, FAX No. (703) 872-9306 on July 20, 2004.

Name of person signing this certificate: Wendell E. Miller

Date signed: July 20, 2004Signature: Wendell E. Miller

1

Total: 11 pages
Computer Log: ATN

Appl. No.: 10/644,115

Amdt. dated July 20, 2004

Reply to Office action of July 2, 2004

Further, Examiner has required that Applicant provide a listing of all claims that read on the elected species.

Originally-filed and amended independent Claims 1, 4, 5, 6, 7, 10, 11, and 12 read on the elected species, namely: Species X, Figures 19-21. Independent Claims 2, 3, 8, and 9, as filed, did not read on the elected species. As amended herein, Independent Claims 2 and 8 now read on the elected species. Independent Claims 3 and 9, that do not read on the elected species, are canceled herein.

All of the claims added herein, namely Claims 13-22, are dependent claims, and all of these claims read on Species X, the elected species.

All of the claims remaining in the subject patent application, namely Claims 1, 2, 4-8, and 10-22, read on Species X, Figures 19-21.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 11 of this paper.

FACSIMILE COVER SHEET

WENDELL E. MILLER
PATENT AGENT
1506 TIPPECANOE DRIVE, D-1
WARSAW, IN 46580

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July 20, 2004

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By FAX to (703) 872-9306
Cover sheet and 15 pages

To: MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn.: Examiner Henry Choe

From: Wendell E. Miller

Re: RESPONSE TO REQUIREMENT FOR RESTRICTION
UNDER 35 U.S.C. 121 and AMENDMENT
SHARED-CURRENT ELECTRONIC SYSTEMS
Application No.: 10/644,115 -- Confirmation No.: 6515
Applicants: Barry A. Lautzenhiser et al.
TC/A.U.: 2817
Docket No.: 203-12US

Enclosed:

TRANSMITTAL FORM, PTO/SB/21, 1 page;
FEE TRANSMITTAL for FY 2004, PTO/SB/17 (with authorization
to charge any additional fees or any underpayment of fees
to Deposit Acct 13-3404), 1 page, 2 copies
PATENT APPLICATION FEE DETERMINATION RECORD, PTO/SB/06,
1 page
RESPONSE TO REQUIREMENT FOR RESTRICTION UNDER 35 U.S.C.
121, and AMENDMENT, 11 pages

CERTIFICATE OF TRANSMISSION under 37 CFR 1.8

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United States Patent and Trademark Office, FAX No. (703) 872-9306 on this date:
July 20, 2004.

Typed name of person signing this certificate: Wendell E. Miller, Registration No. 26,572

Date signed: July 20, 2004

Signature: 

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Jul-21-04 11:21;

Page 3

PTO/SB/21 (02-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/644,115	
	Filing Date	August 20, 2003	
	First Named Inventor	Barry A. Lautzenhiser	
	Art Unit	2817	
	Examiner Name	Henry Choe	
Total Number of Pages in This Submission	14	Attorney Docket Number	203-12CIP

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form 2 copies <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Election/Restriction, 11 pages <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PATENT APPLICATION FEE DETERMINATION RECORD, PTO/SB/06, 1 page
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Wendell E. Miller, Patent Agent
Signature	<i>Wendell E. Miller</i>
Date	July 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Wendell E. Miller
Signature	<i>Wendell E. Miller</i>
Date	July 20, 2004

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Jul-21-04 11:21;

Page 4

PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003 Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT: (\$) -0-

Complete If Known

Application Number 10/644,115
Filing Date August 20, 2003
First Named Inventor Barry A. Lautzenhiser
Examiner Name Henry Choe
Art Unit 2817
Attorney Docket No. 203-12CIP

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

13-3404

Wendell E. Miller

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 20
Independent Claims 10
Multiple Dependent 10

Extra Claims Fee from below x Fee Paid

20 * 0 = 0
10 * 12 = 120
10 * 0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 200	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) -0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 820*	1804 820*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,430	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 280	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 840	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (three number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) -0-

SUBMITTED BY

Name (Print/Type)

Wendell E. Miller

Registration No.

26,572

Telephone

(574) 267-2729

Signature

Wendell E. Miller

Date

July 20, 2004

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Page 5

PTO/SB/17 (10-03)

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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0

Complete if Known

Application Number **10/644,115**
 Filing Date **August 20, 2003**
 First Named Inventor **Barry A. Lautzenhiser**
 Examiner Name **Henry Choe**
 Art Unit **2817**
 Attorney Docket No. **203-12CIP**

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name**13-3404****Wendell E. Miller**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims **20** -20* = **0** X **0** = **0**
 Independent Claims **10** -12 = **0** X **0** = **0**
 Multiple Dependent **0** = **0** X **0** = **0**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

-0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 60	2052 25	Surcharge - late filing fee or cash	
1053 130	2053 130	1054 2,520	2054 2,520	Surcharge - late provisional filing fee or cover sheet	
1055 130	2055 130	1056 130	2056 130	Non-English specification	
1057 130	2057 130	1058 130	2058 130	For filing a request for ex parte reexamination	
1059 130	2059 130	1060 130	2060 130	Requesting publication of SIR prior to Examiner action	
1061 1,840	2061 1,840	1062 1,840	2062 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	1252 420	2252 210	Extension for reply within first month	
1253 980	2253 475	1254 1,480	2254 740	Extension for reply within second month	
1255 1,480	2255 740	1256 2,010	2256 1,005	Extension for reply within third month	
1401 330	2401 165	1402 330	2402 165	Extension for reply within fourth month	
1403 290	2403 145	1404 290	2404 145	Extension for reply within fifth month	
1405 1,510	2405 1,510	1406 1,510	2406 1,510	Notice of Appeal	
1407 110	2407 55	1408 110	2408 55	Filing a brief in support of an appeal	
1409 1,330	2409 665	1410 1,330	2410 665	Request for oral hearing	
1601 1,330	2601 665	1602 480	2602 240	Petition to institute a public use proceeding	
1603 840	2603 420	1604 130	2604 65	Petition to revive - unavoidable	
1605 130	2605 65	1606 130	2606 65	Petition to revive - unintentional	
1607 50	2607 25	1608 180	2608 90	Utility issue fee (or reissue)	
1609 180	2609 90	1610 40	2610 20	Design issue fee	
1611 770	2611 385	1612 770	2612 385	Plant issue fee	
1613 770	2613 385	1614 770	2614 385	Petitions to the Commissioner	
1615 770	2615 385	1616 770	2616 385	Processing fee under 37 CFR 1.17(q)	
1617 770	2617 385	1618 770	2618 385	Submission of Information Disclosure Stmt	
1619 770	2619 385	1620 770	2620 385	Recording each patent assignment per property (times number of properties)	
1621 770	2621 385	1622 770	2622 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1623 770	2623 385	1624 770	2624 385	For each additional invention to be examined (37 CFR 1.129(b))	
1625 770	2625 385	1626 770	2626 385	Request for Continued Examination (RCE)	
1627 770	2627 385	1628 770	2628 385	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

-0-

SUBMITTED BYName (Print/Type) **Wendell E. Miller**Registration No. **26,572**

(Complete if applicable)

Telephone **(574) 267-2729**

Signature

Wendell E. Miller

Date

July 20, 2004**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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Docket 203-12CIP

Title: SHARED CURRENT ELECTRONIC SYSTEMS

PTO/SB/08 (08-03)

Approved for use through 7/31/2006, CMB 0661-0032

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-876

Application or Docket Number

10/644,115

Filed 8/20/03

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE			RATE	FEE
BASIC FEE (37 CFR 1.16(a))				\$375		OR		\$
TOTAL CLAIMS (37 CFR 1.16(a))	12	minus 20 =	0	X \$ =	0	OR	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	12	minus 3 =	9	X \$42 =	378	OR	X \$ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$ =		OR	+ \$ =	
TOTAL				753		OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.
 Election/Restriction & Amendment
 CLAIMS AS AMENDED - PART II

7/20/04

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))	20	Minus	20	X \$ =	0	OR	X \$ =			
Independent (37 CFR 1.16(b))	10	Minus	12	X \$ =	0	OR	X \$ =			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+ \$ =		OR	+ \$ =	
TOTAL ADD'L FEE						0		OR	TOTAL ADD'L FEE	

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))		Minus		X \$ =		OR	X \$ =			
Independent (37 CFR 1.16(b))		Minus		X \$ =		OR	X \$ =			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+ \$ =		OR	+ \$ =	
TOTAL ADD'L FEE								OR	TOTAL ADD'L FEE	

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				RATE	ADDITIONAL FEE
Total (37 CFR 1.16(b))		Minus		X \$ =		OR	X \$ =			
Independent (37 CFR 1.16(b))		Minus		X \$ =		OR	X \$ =			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+ \$ =		OR	+ \$ =	
TOTAL ADD'L FEE								OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" in THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" in THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to be filed (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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